

TITLE: TESTING ENDOSYMBIONT
CELLULAR ORGANELLES AND
COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemen et al.

Serial No.: 10/006,009

Docket No.: 2183-5189US

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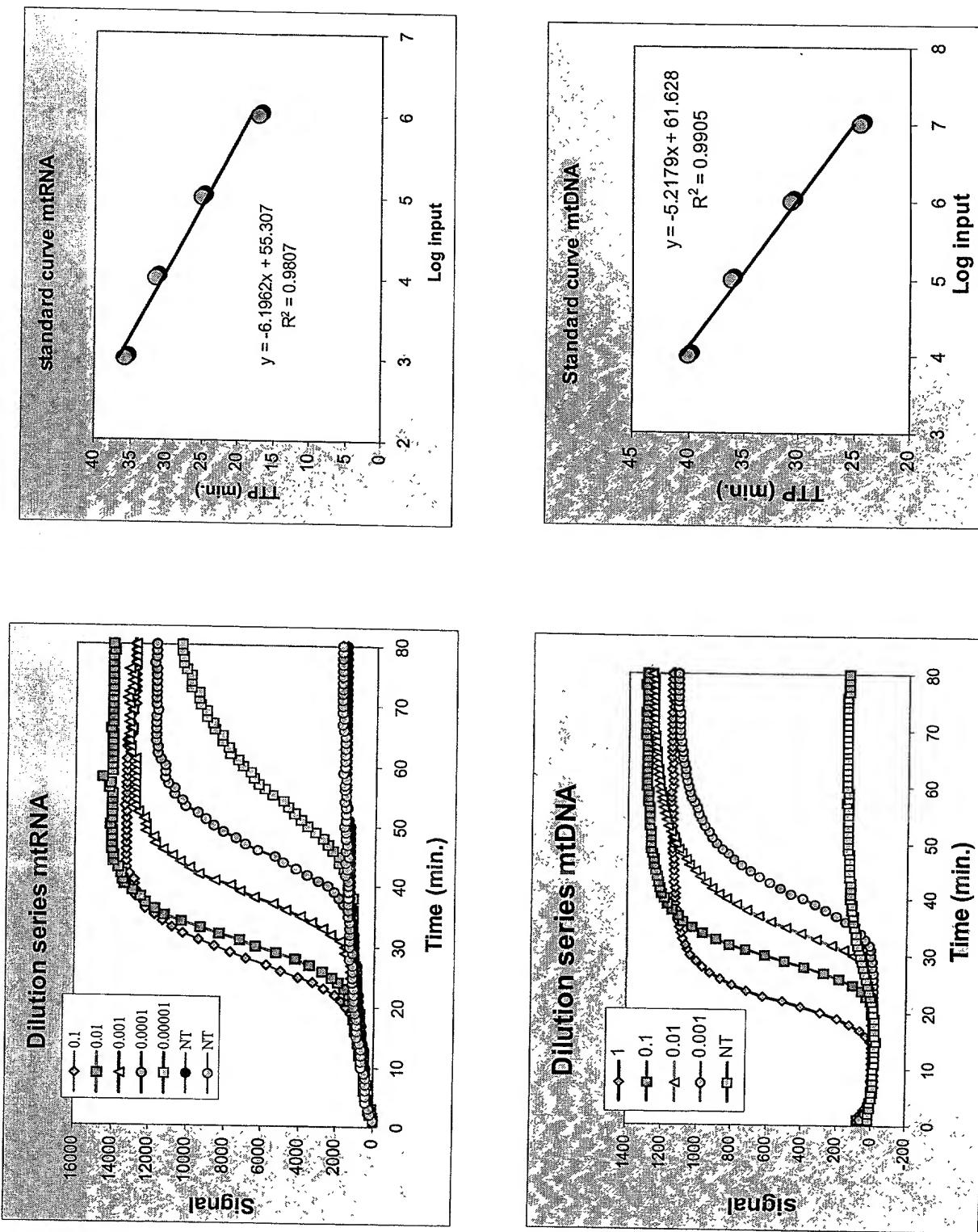


Figure 1

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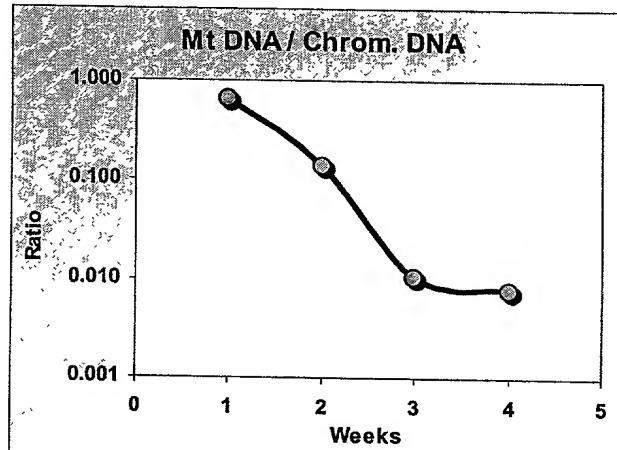


Figure 2

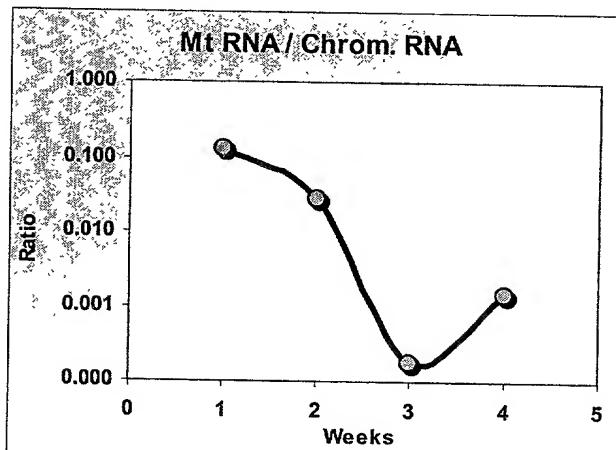


Figure 3

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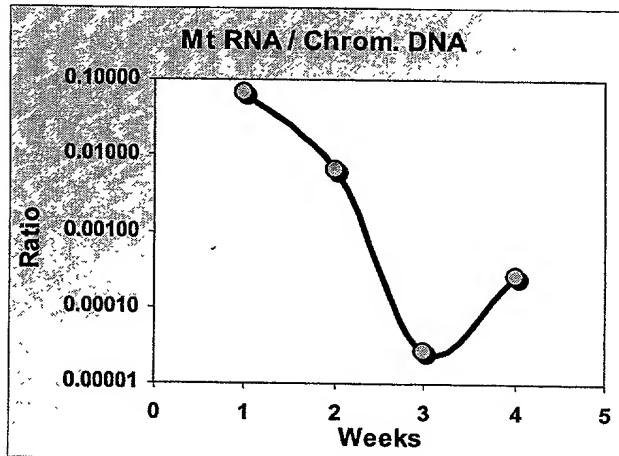


Figure 4

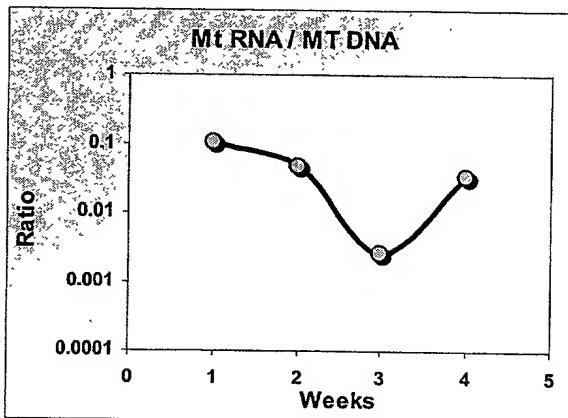


Figure 5

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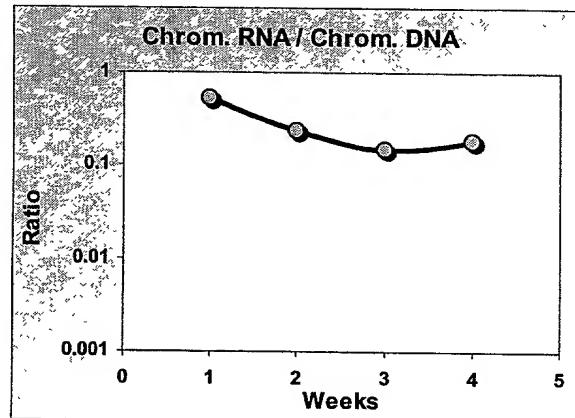


Figure 6

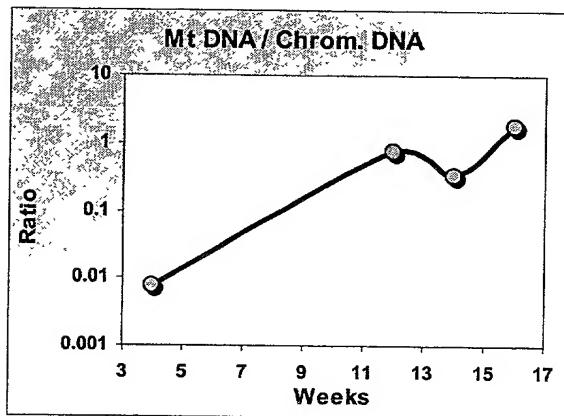


Figure 7

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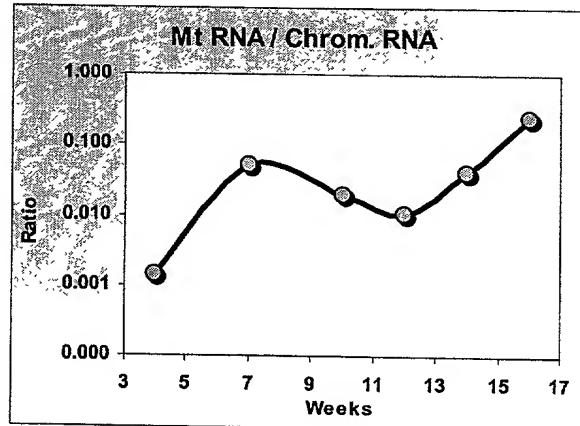


Figure 8

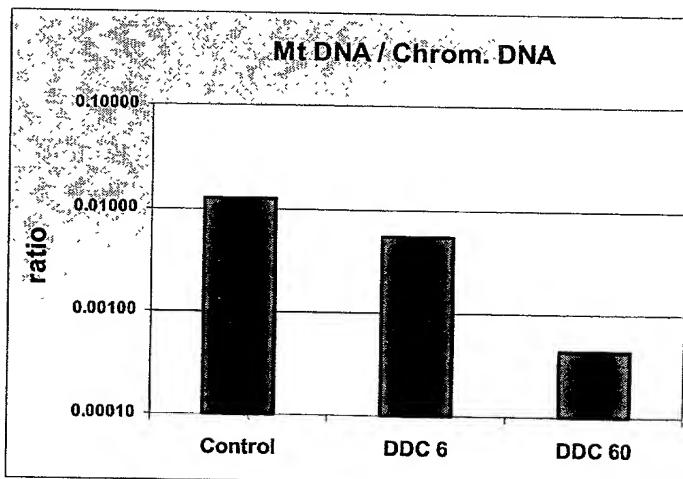


Figure 9

10000 5000 2000 1000 500 200 100

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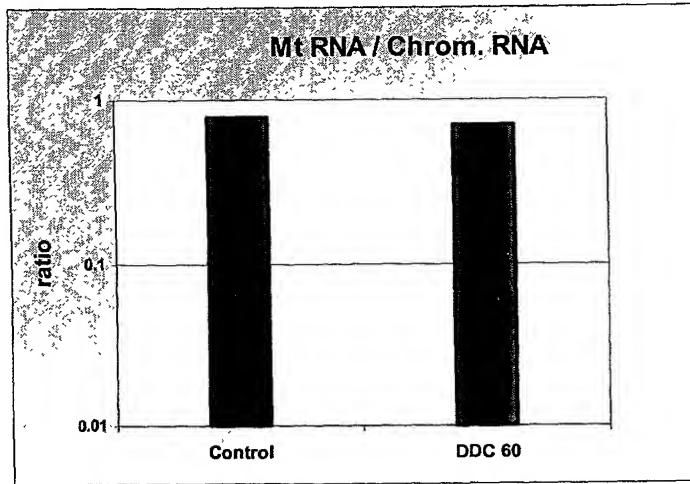


Figure 10

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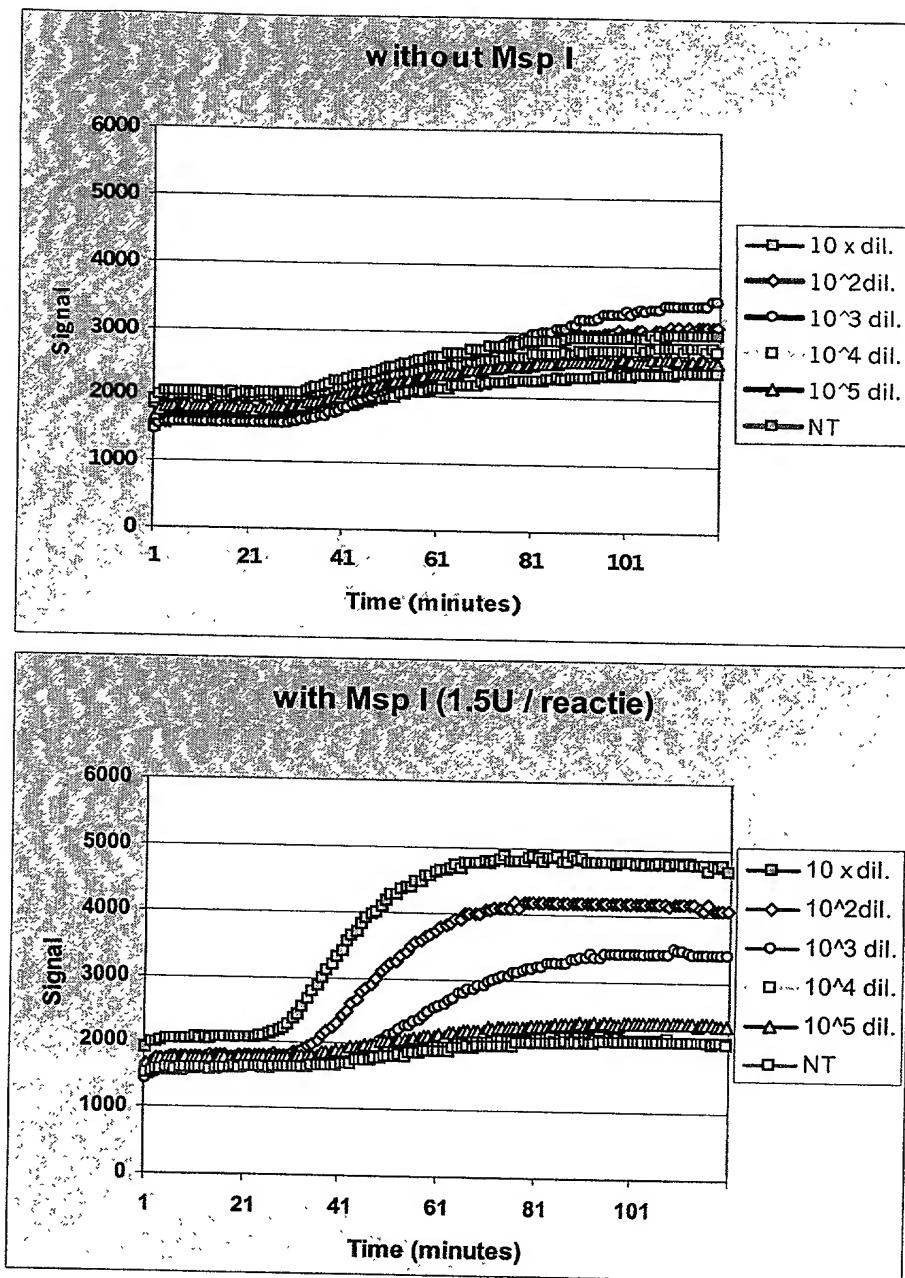


Figure 11.

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Fig. 12

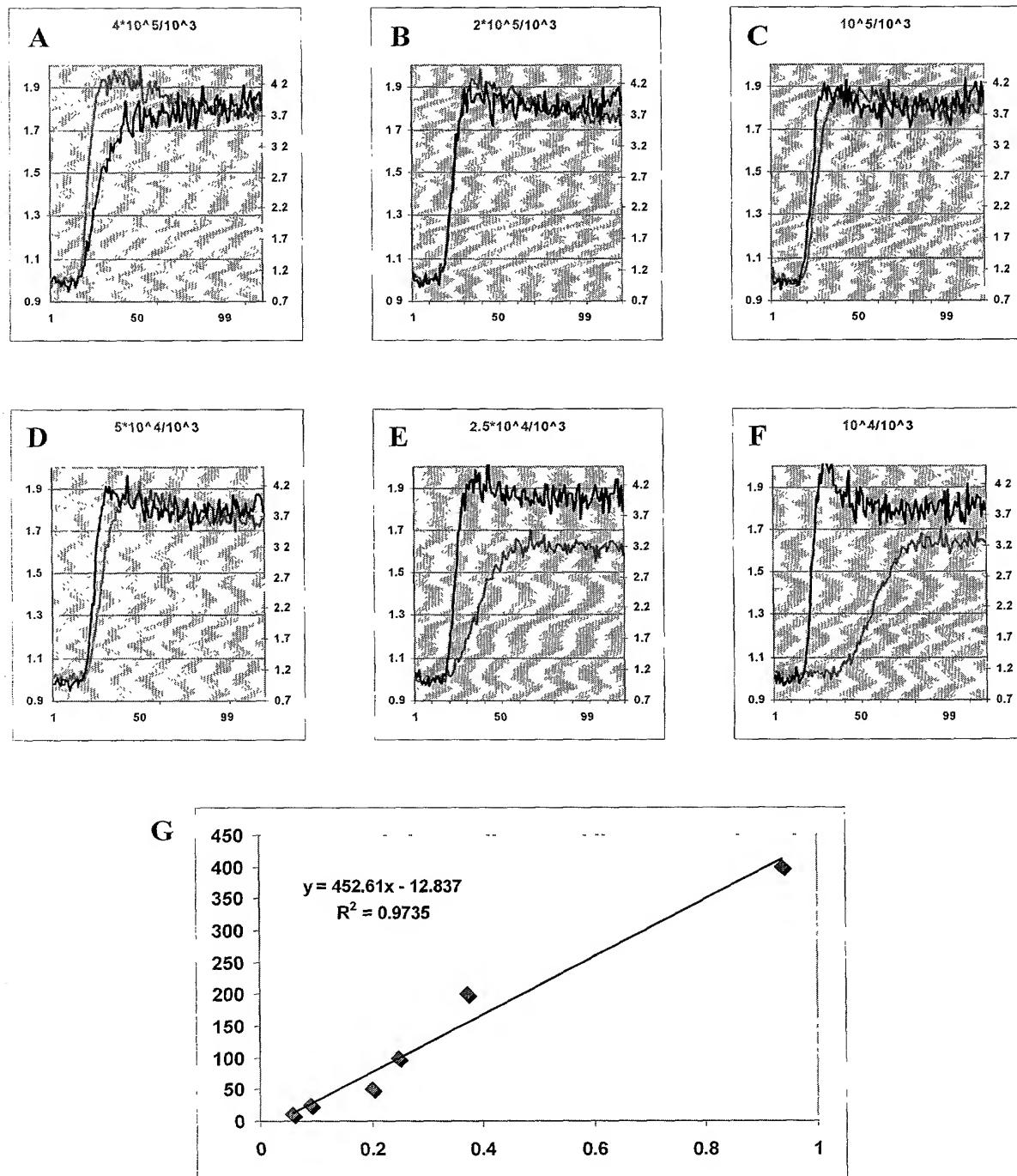
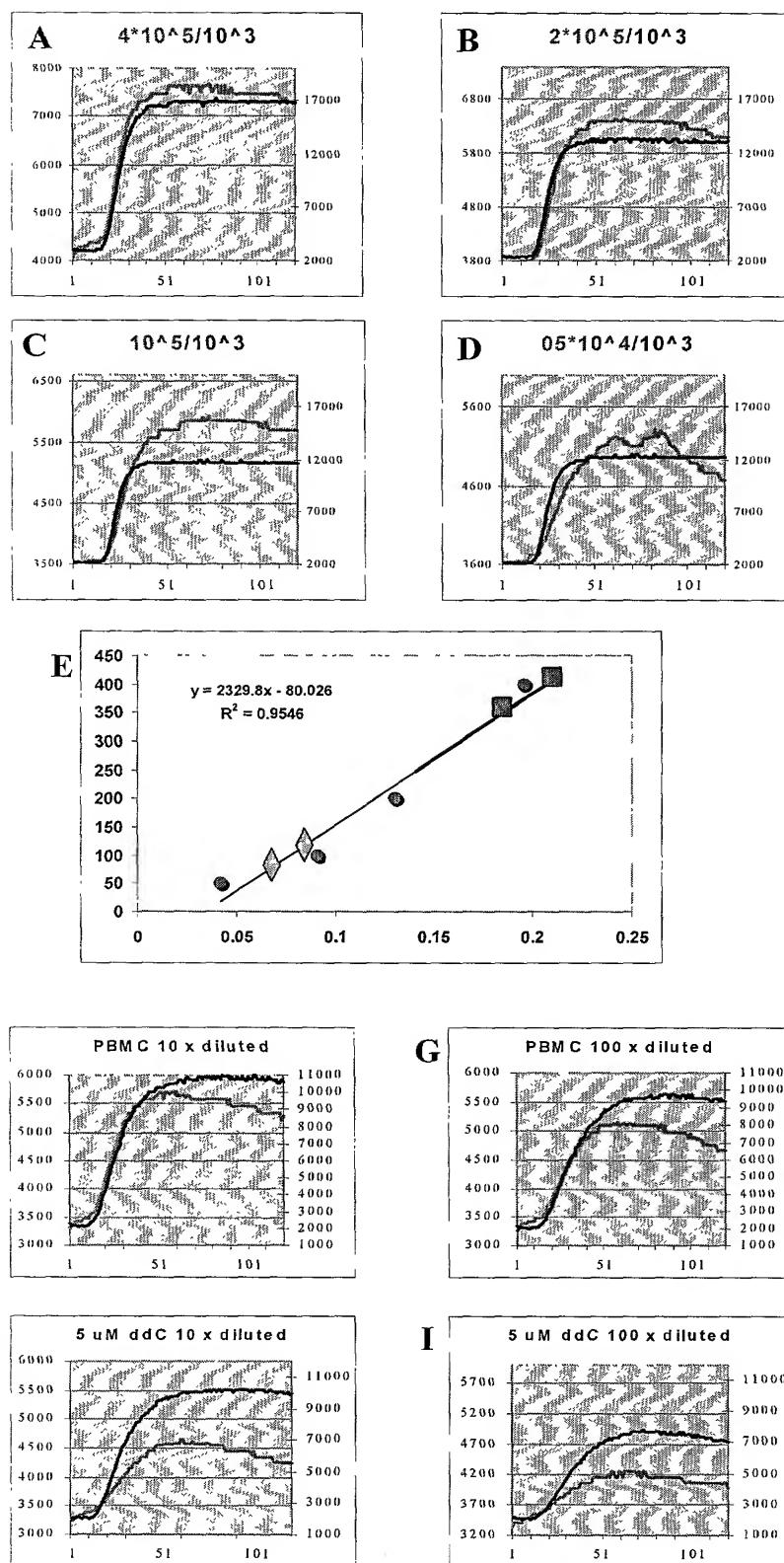


Fig.13

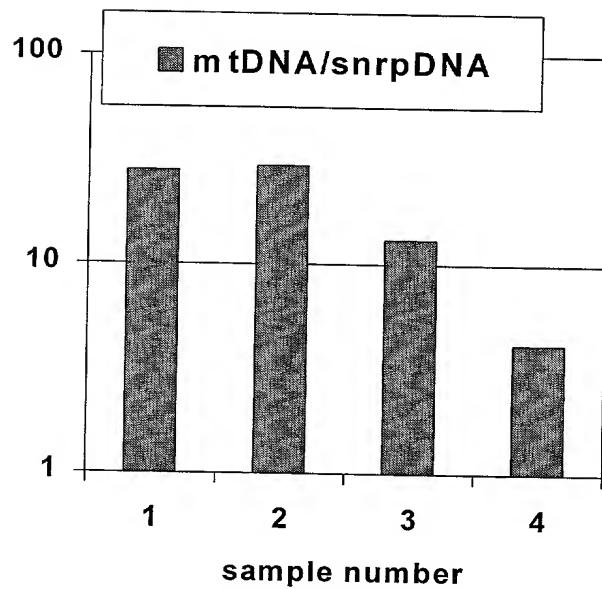


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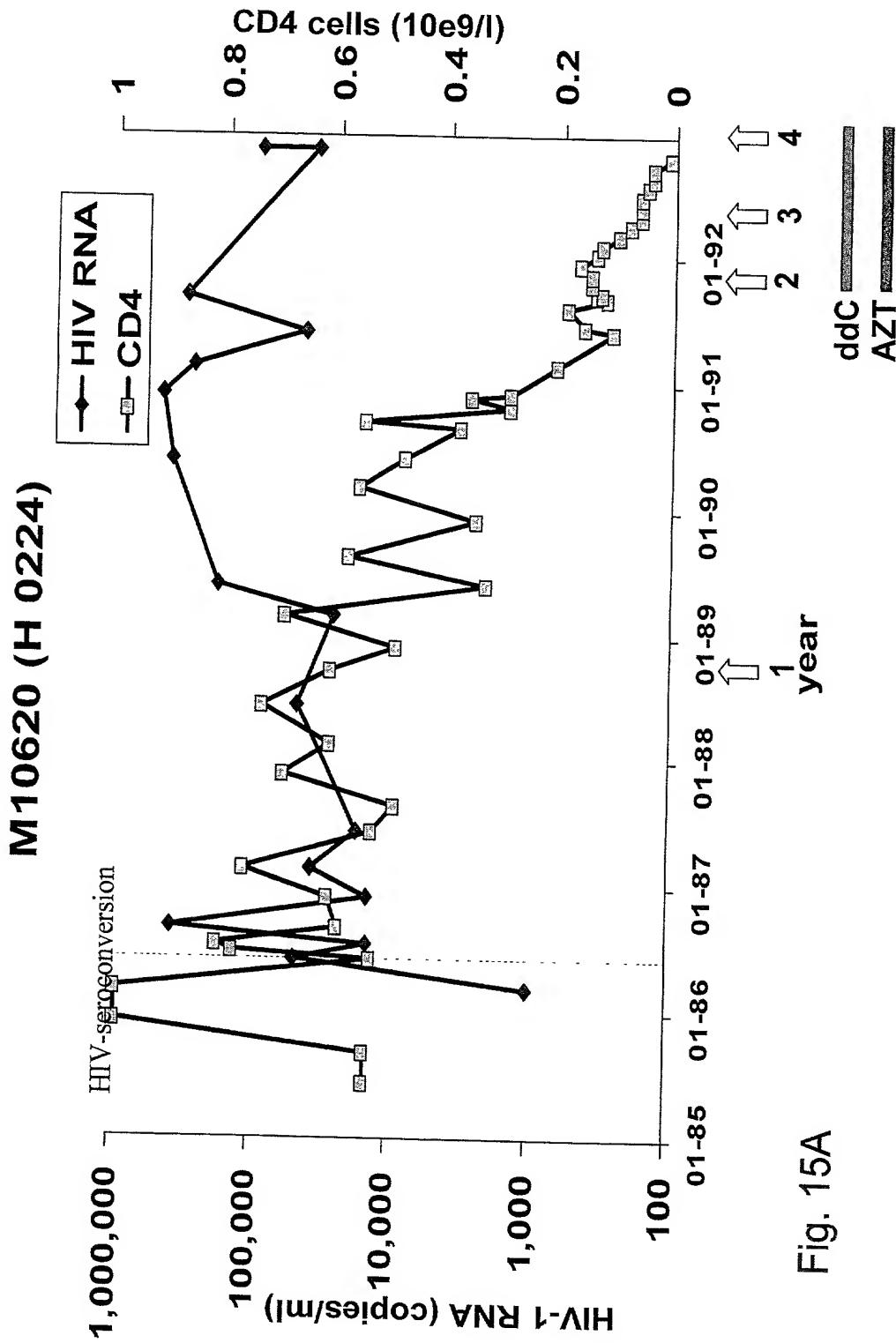
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Fig. 14



Lactate acidose patient (H0224)



Lactate acidose patient (H0224)

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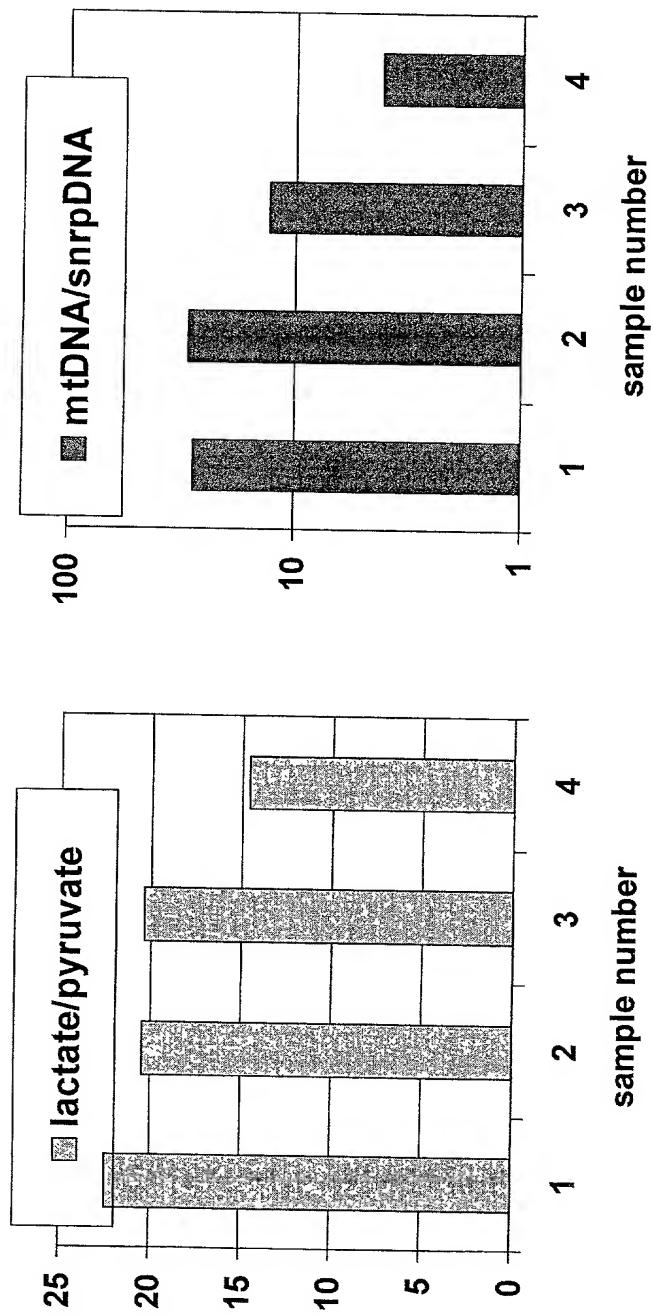
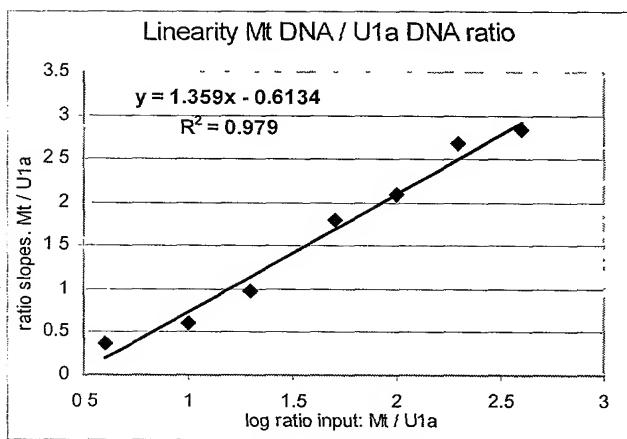
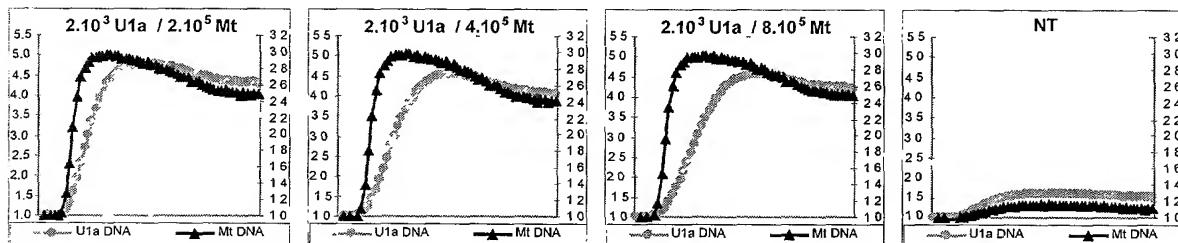
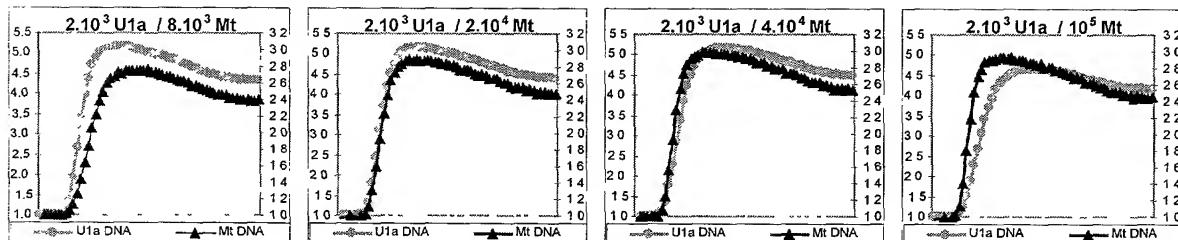


Fig. 15B

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Fig. 16



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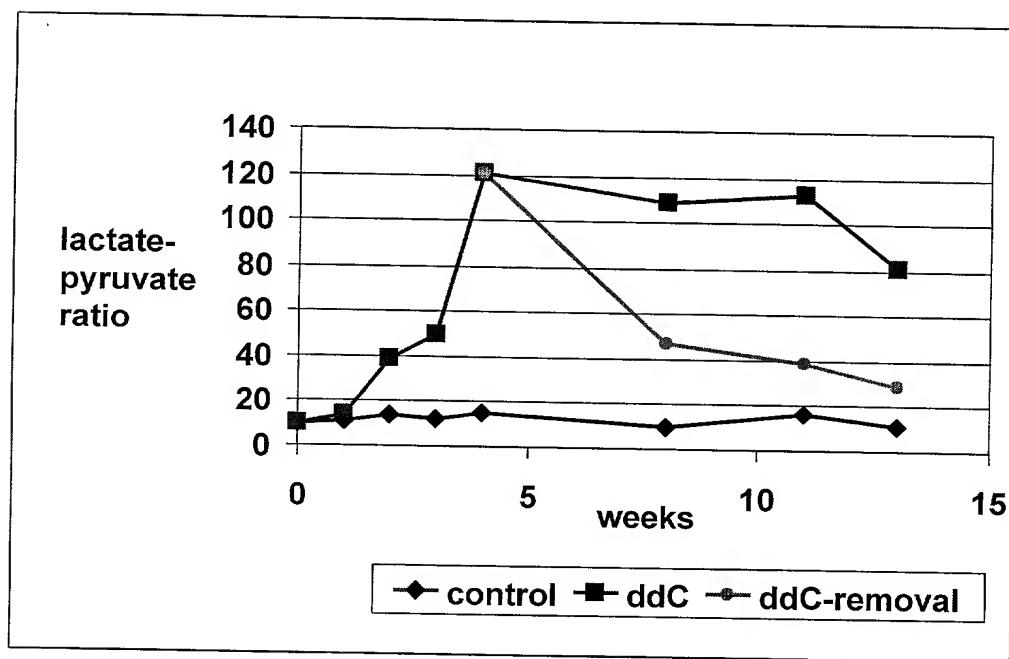


Fig. 17

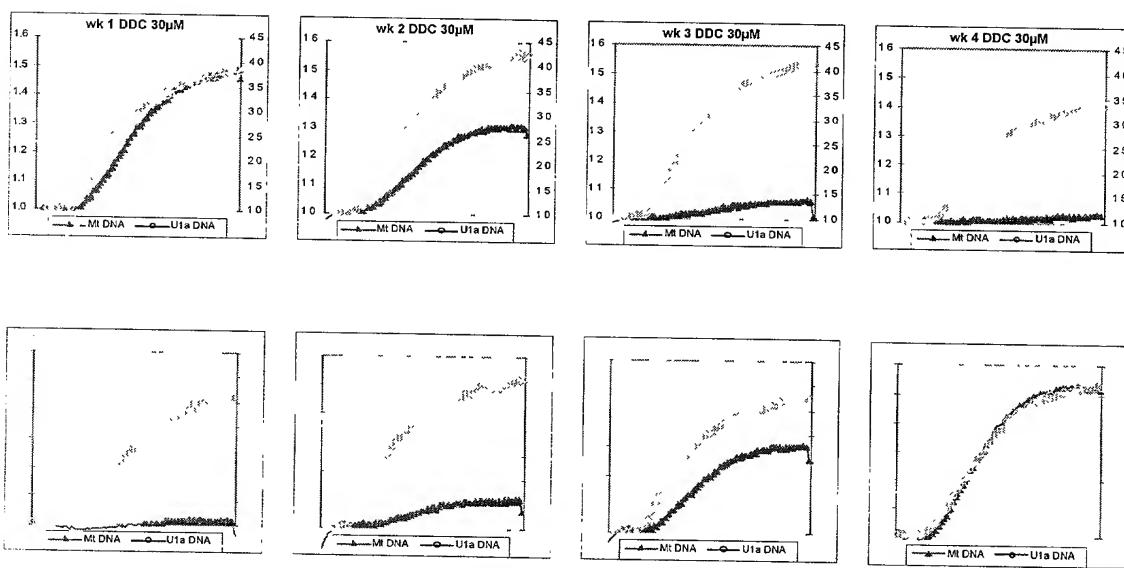


Fig. 18

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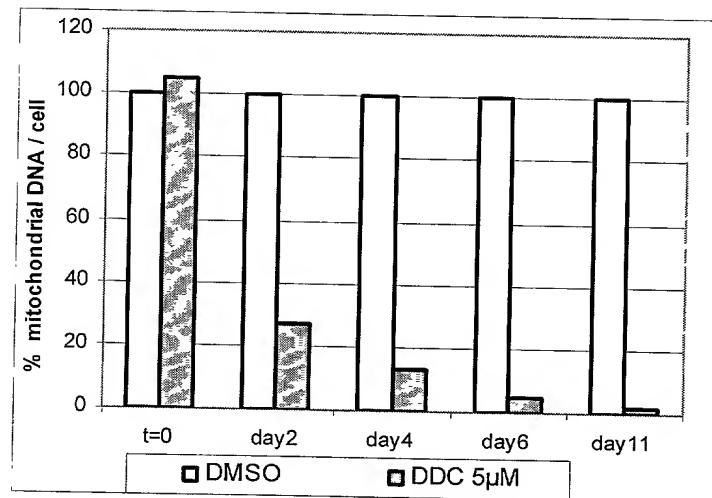


Fig. 19

Significant decrease of mtDNA in PBMC

Fig. 20

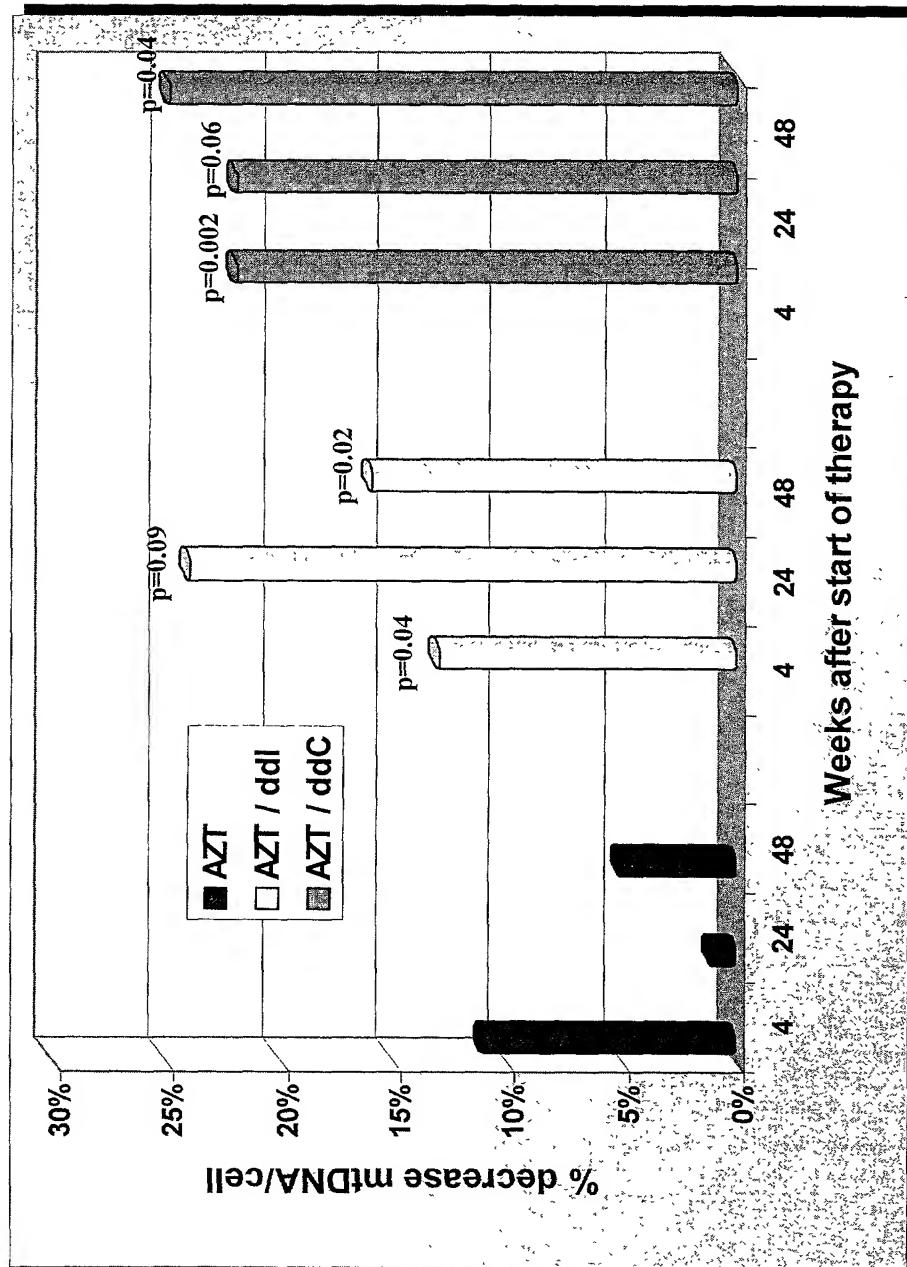
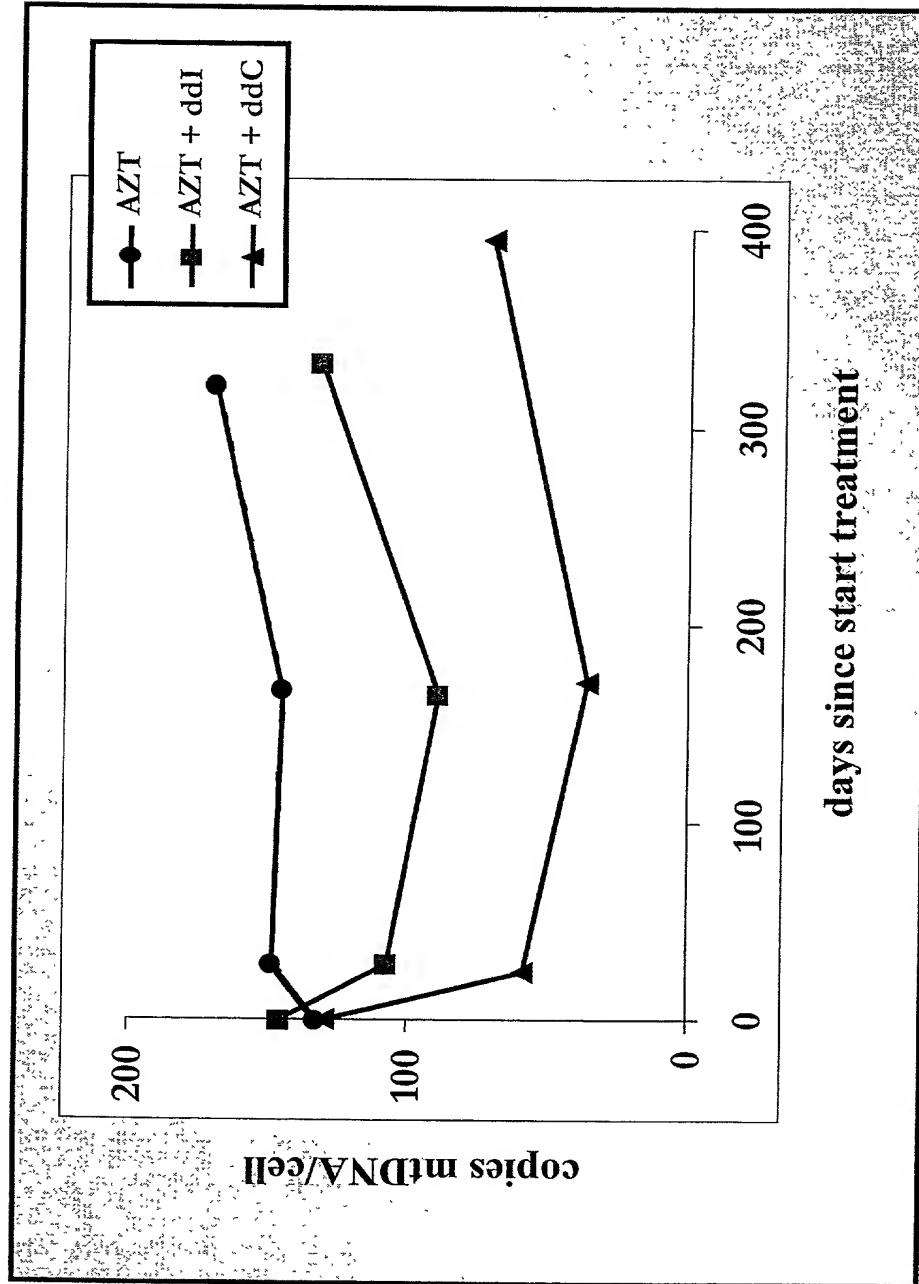


Fig. 21

Copies mtDNA/cell for three individual patients



... INVESTIGATING DISEASE SYMPTOMS
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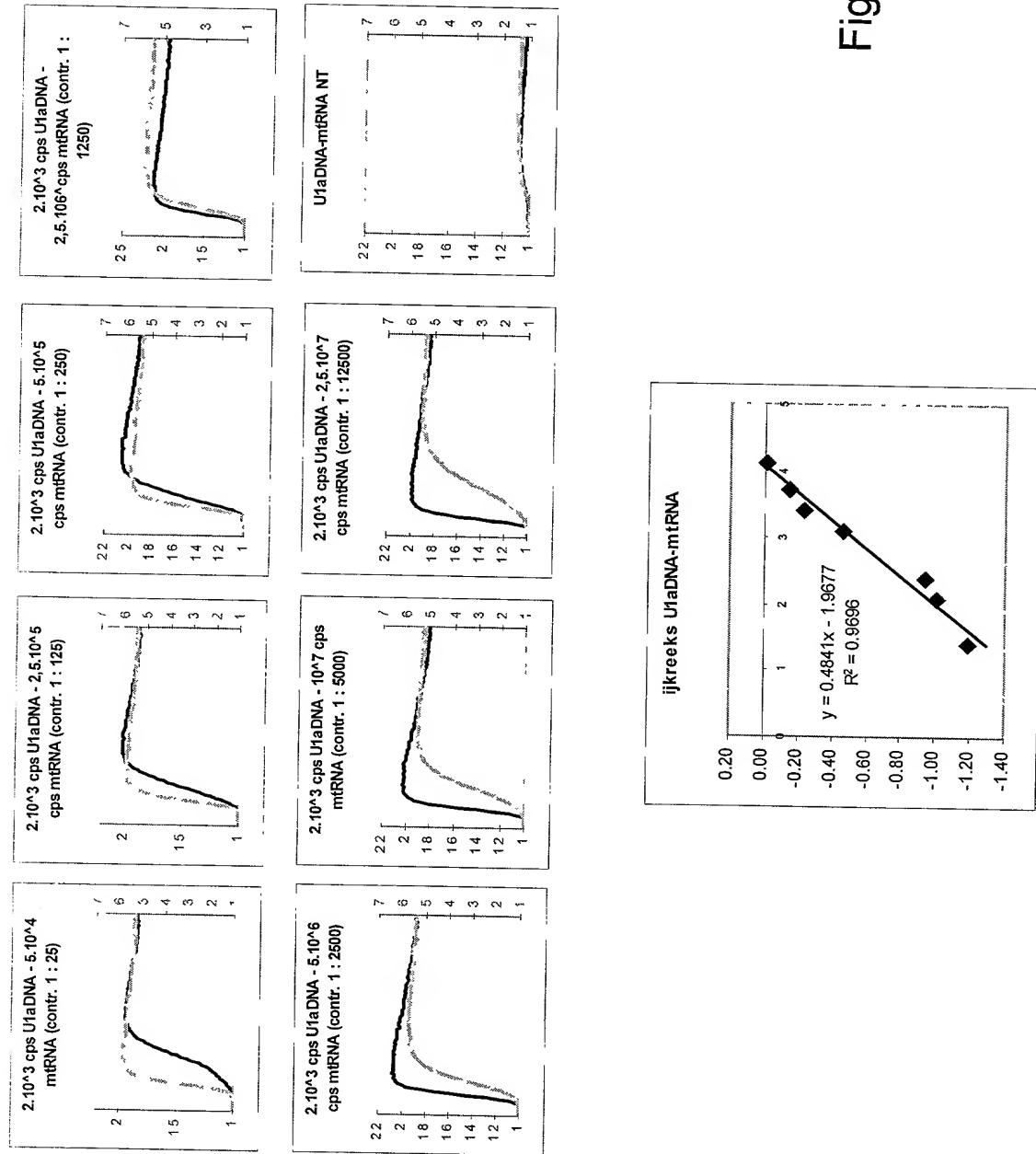


Fig. 22

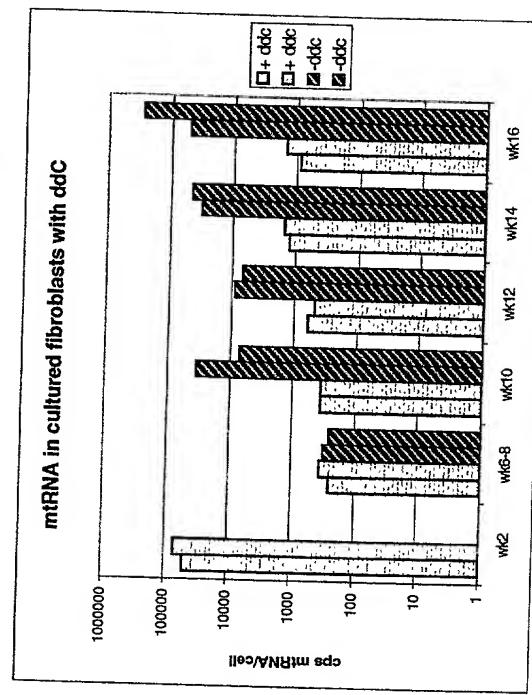
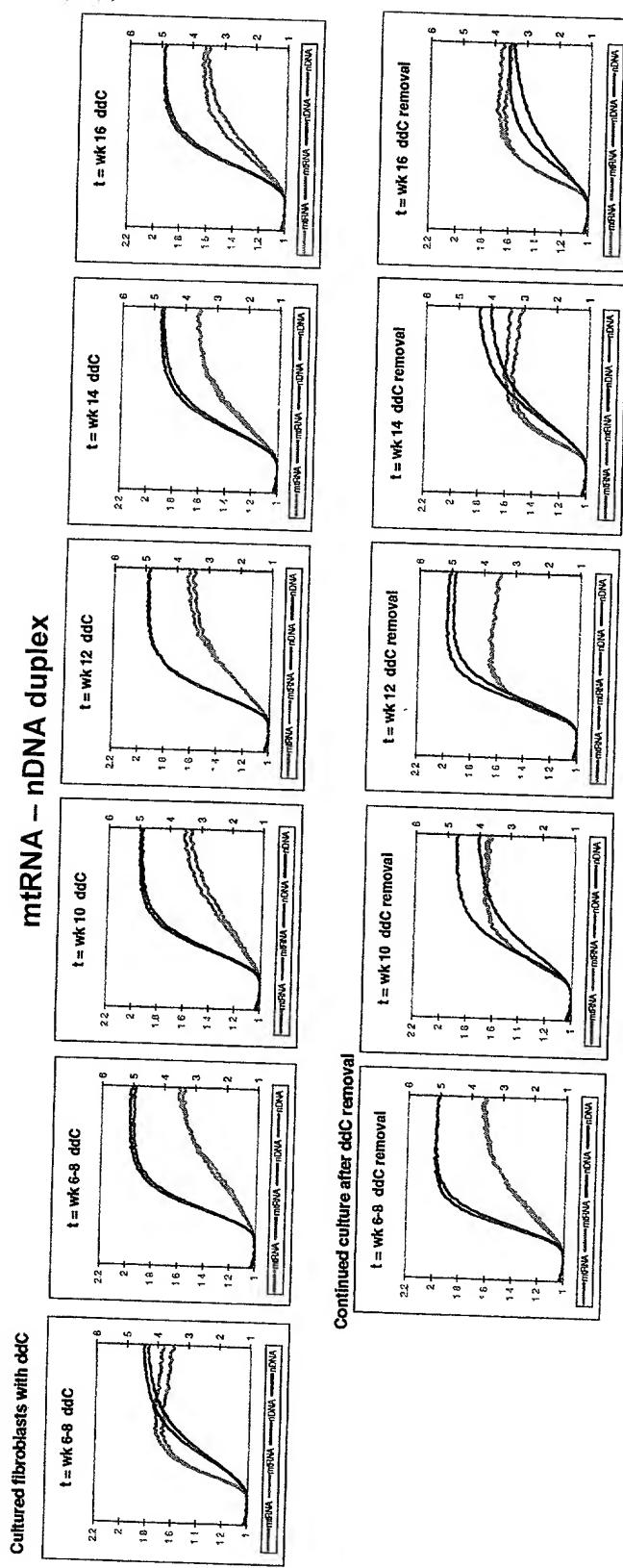


Fig. 23

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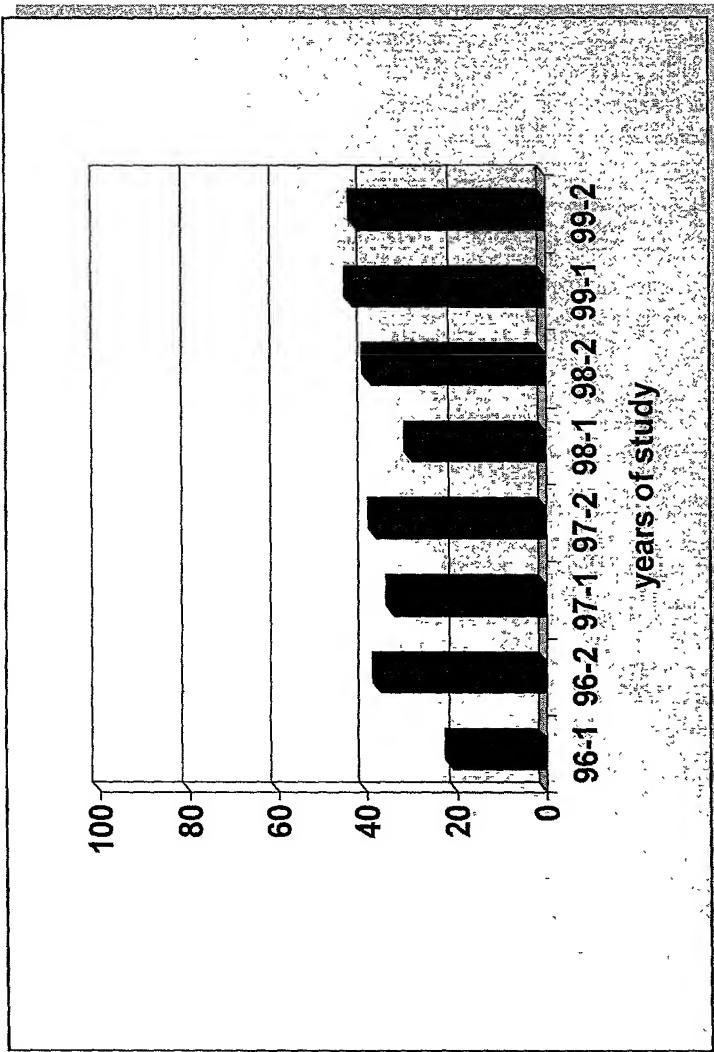
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Fig. 24

Adverse effects of antiretroviral therapy

Percentage of patients changing ART because of adverse effects
(results from the ATHENA-study in the Netherlands)



DNA-NASBA amplification

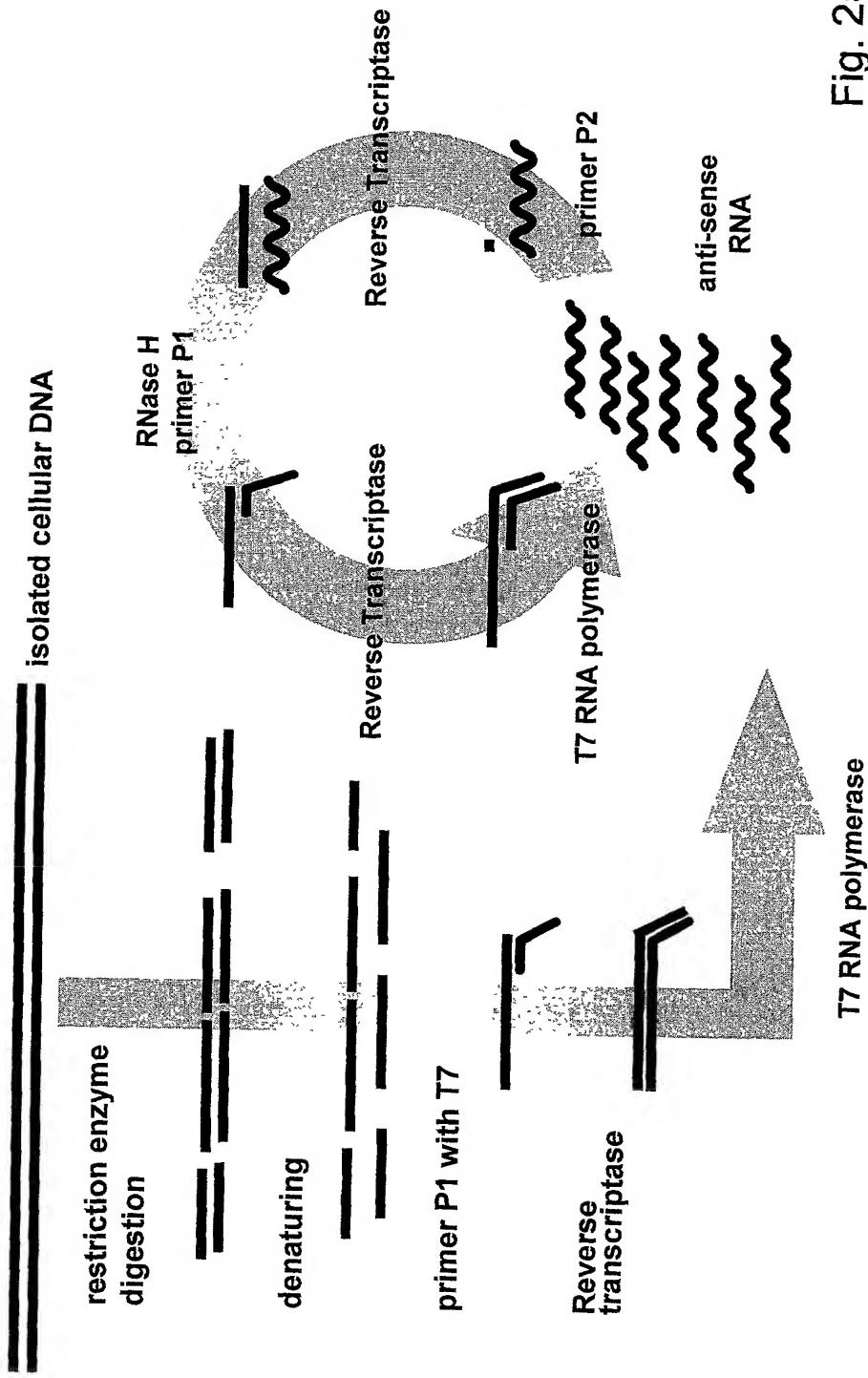


Fig. 25

Mitochondria

location of primers for NASBA

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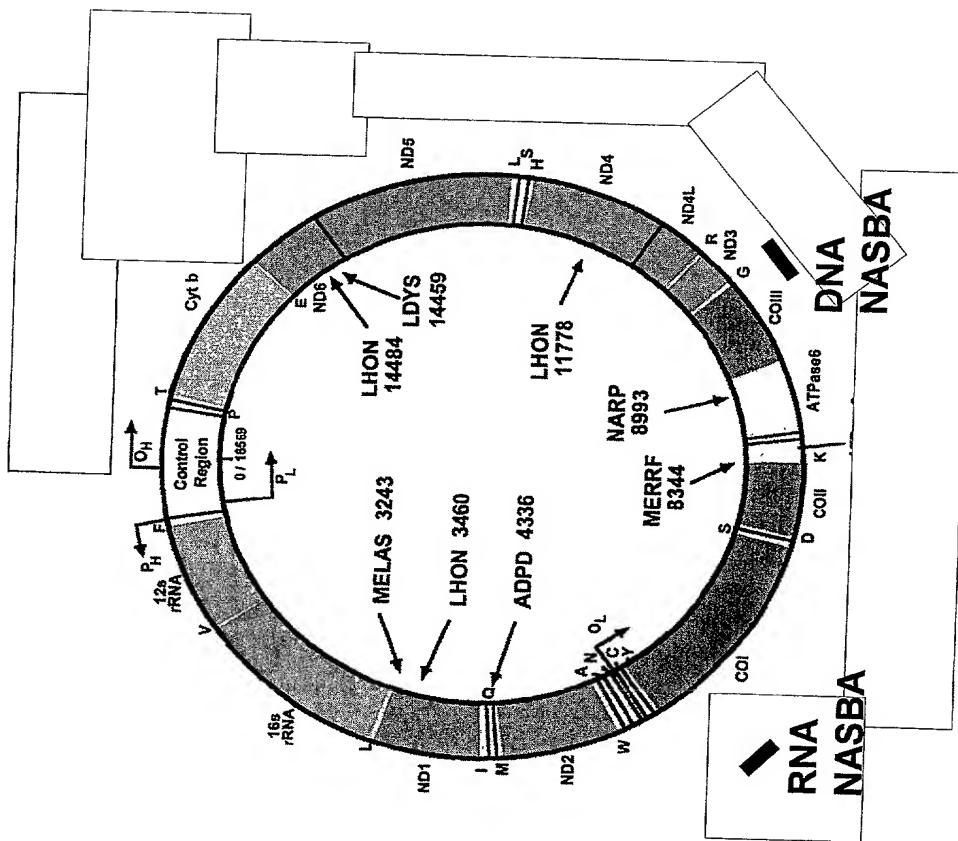


Fig. 26